

Rec'd 2/13/85

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year January 1, 1984  
to Month/Year December 31, 1984

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

OPERATOR: Interstate Brick Company MINE NAME: Fivemile Pass

ADDRESS: 9780 South 5200 West  
West Jordan, UT 84084

PERMIT NUMBER AND DATE OF PERMIT: ACT/045/006 Not yet approved

REPRESENTATIVE: Ronald H. Baldwin

SECTION(S): 32; 4, 5 TOWNSHIP(S): 6; 7 South RANGE(S): 3 West SLBM

MINERAL(S) MINED: Clay

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: State Mineral Lease  
Number 28072

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: None

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.



<u>Disturbance</u>	<u>Acreage</u>
Pit	1.6
Roads	0.25
Facilities	-0-
Waste Dumps	-0-
Other	-0-

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total</u>	
1975	10	} Unknown. Best Estimate.
1976	10	
1977	10	
1978	12	
1979	12	
1980	12	
1981	14.5	
1982	14.5	
1983	14.5	
1984	16.5	

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

#### SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	<u>Area</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>etc.</u>
	#8			
Acreage of Area	1.6			
Depth of Topsoil Removal (inches)	-0-			
Depth of Topsoil Replacement (inches)*	-0-			
Estimate of Topsoil Volume Salvaged (yd <sup>3</sup> or ac ft)	-0-			
Volume Actually Salvaged (yd <sup>3</sup> or ac ft)	-0-			
Volume Required for Reclamation (yd <sup>3</sup> or ac ft)	215 y <sup>3</sup>			
Surplus or Deficit Volume (yd <sup>3</sup> or ac ft)	215 y <sup>3</sup> deficit			
Storage Status (short- or long-term)	N/A			

Area does not have a true topsoil.  
Gravels and clays from stripping and mining will be used to form a bedding soil.



Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
Storage Location	<u>No topsoil has been stored. Gravels and other alluvial material</u>			
Area Where Soil Has Been Used (if not stored)	<u>have been placed on road; area 5.</u>			
Running Total (all stockpiles) (yd <sup>3</sup> or ac ft)				
Short-term				
Long-term				

\*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

Area	Date	Acreage
6	1984 - January-May	2 acres
The bulk of the spoil from pit expansion has been backfilled into pit south of active workings; #7 on map.		

(e) Tabulation of quantity of commodity mined.

	Commodity	Tonnage
(Mined)	Clay	30,000
(Milled)		

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

- Buildings and support facilities.  
None

- Roads.

Began short road using alluvial material heading northwest. See number 5 on map. Disturbed acreage about 0.25 acre.



3. Diversion ditches, collector ditches, interceptor ditches, etc.  
None

4. Culverts.  
None

5. Sediment ponds, containment ponds.  
None

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).  
None

7. Topsoil stockpiles.  
None. Alluvial material in new roadway will be used with clay for seed bed.

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.  
None

2. Subsidence.  
None



3. Accidental water discharge, dam failure, etc.  
None

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4. Slumping, sliding or erosion.  
None

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5. Revegetation problem areas.  
None

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6. Existence and location of unsuitable (toxic) overburden.  
None

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RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

<u>Area</u>	<u>Acreage</u>
7	0.5

2. Topsoiled areas.

<u>Area</u>	<u>Acreage</u>
None	



3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
None	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
None	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	<u>No reclamation has been</u> <u>done on this property</u> <u>other than backfilling</u> <u>of existing pits.</u>
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.  
None


2. Type of seed (species) used for seeding during the report period.  
None




3. Date of seeding during the report period.

Spring N/A  
\_\_\_\_\_  
\_\_\_\_\_  
Fall \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Type and rate of fertilizer applied.

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Type and rate of mulch applied.

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



10. Soil analysis results.

None

• (d) Description of results of previous revegetation efforts, including:  
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

N/A

2. Types (species) of seed that are not growing successfully.

N/A

3. Areas experiencing problems with weeds and weed types.

N/A

4. Significant erosional problems.

None

5. Areas of unsuitable overburden on the surface as related to  
revegetation failure.

N/A

6. Procedures used or proposed to correct these problems.

N/A



7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
None		

8. Results of soil analysis.

None

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading	No reclamation was done during report period other than backfilling old pit.	
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	None		



Increased disturbance, if any:

2 acres

Increased Bond Amount (attached reclamation estimate). None

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
	None	

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

An annual report has never before been filed on Five Mile as the mining and reclamation plan was never approved or disapproved by the Division of Oil, Gas and Mining.

As DOGM has requested, a new MR-1 form will be submitted for the area in 1985.





# Interstate Brick Company

*File ACT/049/010*  
*Copy to Steve Cox*  
*and Pam*  
*and Mary*

February 8, 1985

Ronald W. Daniels  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180

RECEIVED

FEB 13 1985

DIVISION OF OIL  
GAS & MINING

Dear Mr. Daniels:

Please find enclosed completed Annual Operations and Progress Reports (MR-3) for the following properties:

White Mountain	ACT/001/005
Montello	ACT/003/004
Koosharem	ACT/031/002
Big Cottonwood	ACT/035/003
Henefer	ACT/043/002
Five Mile Pass	<u>ACT/045/006</u>
Smokey Joe	ACT/049/002
Black	ACT/049/003
Powell	ACT/049/004
Jim Gay	ACT/049/005
Long Canyon	ACT/049/007

A number of the properties listed above have not received final approval. However, at your request, Annual Progress Reports have been filed on these sites. The unapproved properties are White Mountain, Koosharem, Five Mile Pass, Black, Powell and Jim Gay.

With regard to unapproved properties, Mr. Steve Cox of the Division has requested updated (new) MR-1 forms on the following:

White Mountain	ACT/001/005
Five Mile Pass	ACT/045/006
Black	ACT/049/003
Powell	ACT/049/004
Jim Gay	ACT/049/005

I intend to file new MR-1 forms on these properties, except for White Mountain, in 1985.

Surface disturbance at White Mountain was limited to a single year (1980) and a small area. Tests indicated that the material was unsuitable and the lease was cancelled. Interstate would like to have White Mountain dropped from consideration and will work with the Division to do whatever



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is necessary to obtain a release.

Deficiencies to approval of Koosharem, ACT/031/002, were addressed in a letter to Mr. James Smith dated October 25, 1984.

Summit County should probably be filing the Annual Progress Report for Henefer, ACT/043/002, as they now have full responsibility for the area.

If I can be of any further help, please feel free to contact me.

Thank you,

*Ronald H. Baldwin*

Ronald H. Baldwin  
Interstate Brick Company

RHB/tw